



MISSOURI

Department of Natural Resources
Division of Geology and Land Survey

Report on Oil and Gas Activities for 2011

State Oil and Gas Council Meeting

April 17, 2012

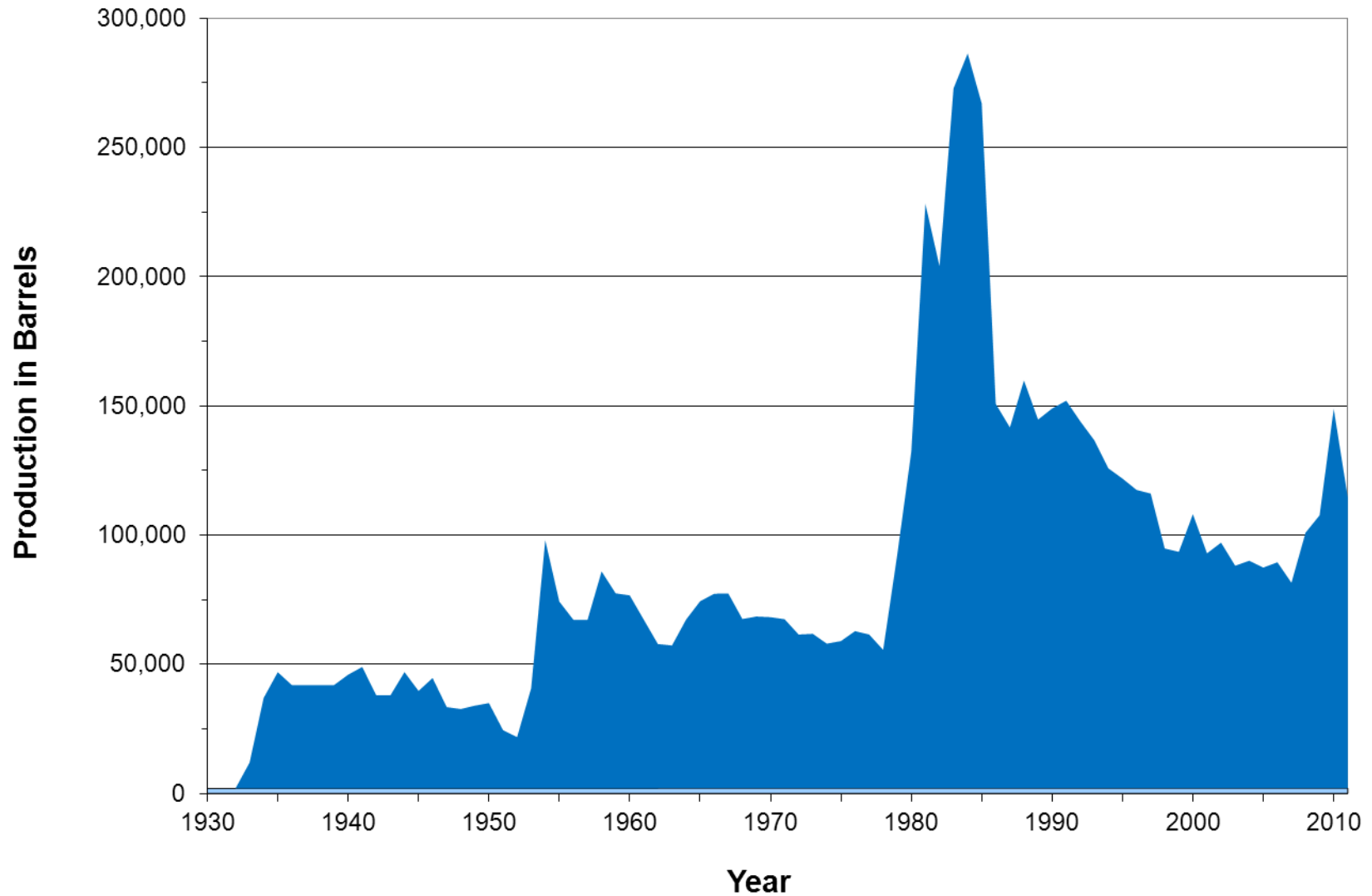
Missouri's Oil Production in 2011

- 439 active producing oil wells in 2011
- Nearly 112,510 barrels of oil produced
- Valued at over \$9.5 million
- Price per barrel ranged \$71.28-\$102.61
- Currently produced in six counties
- 15 active companies producing
- Two additional Kansas based companies have acquired leases in Vernon and Cass Counties

Average Price for Missouri Oil

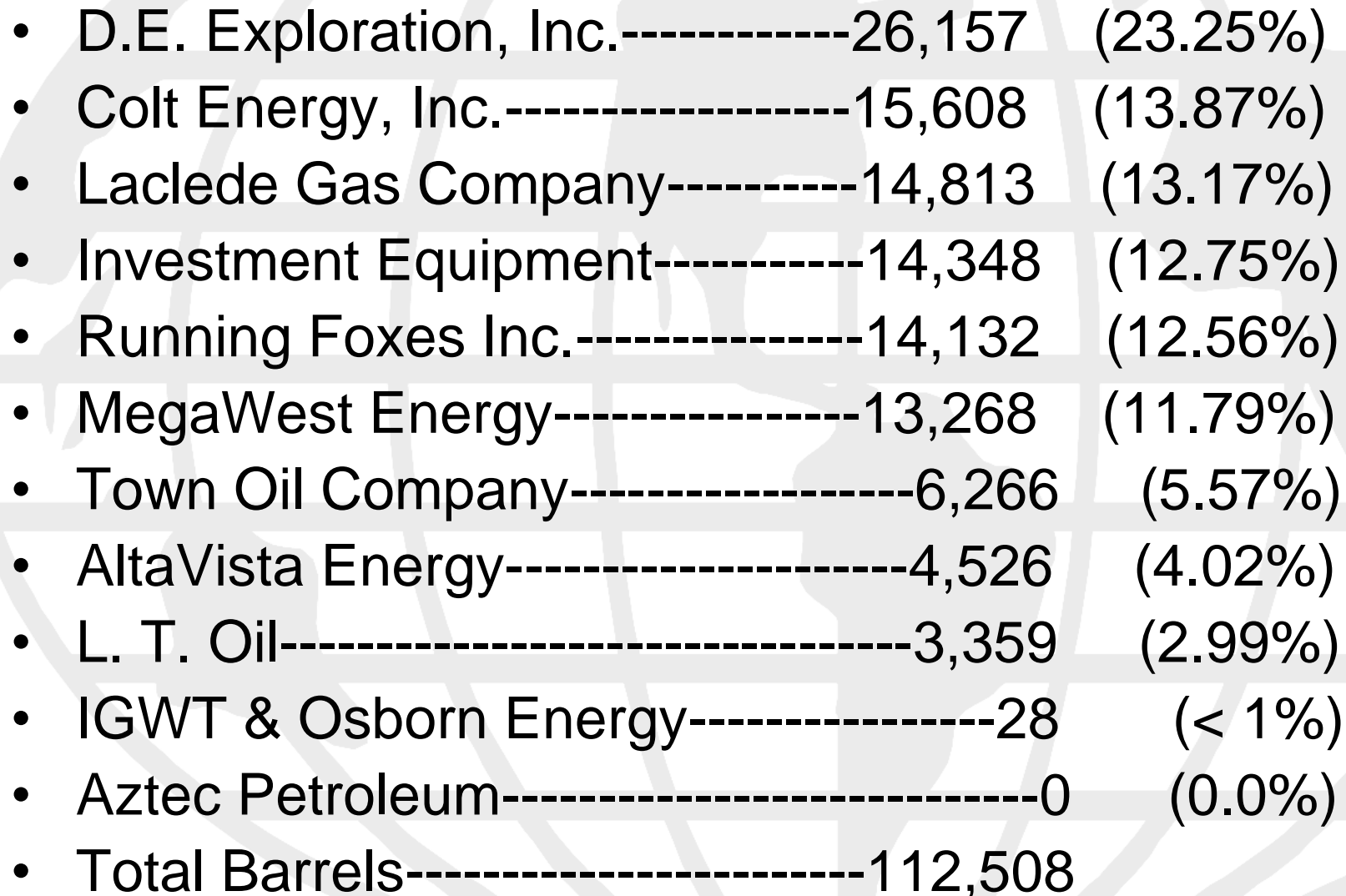
- Average price per barrel in 2011 - \$86.94
(ranging from \$71.28 to \$102.61)
- Average price per barrel in 2010 - \$69.84
(ranging from \$58.66 to \$81.02)
- Average price per barrel in 2009 - \$52.86
(ranging from \$20.40 to \$70.46)
- Average price per barrel in 2008 - \$83.96
(ranging from \$23.73 to \$126.26)

Historic Oil Production



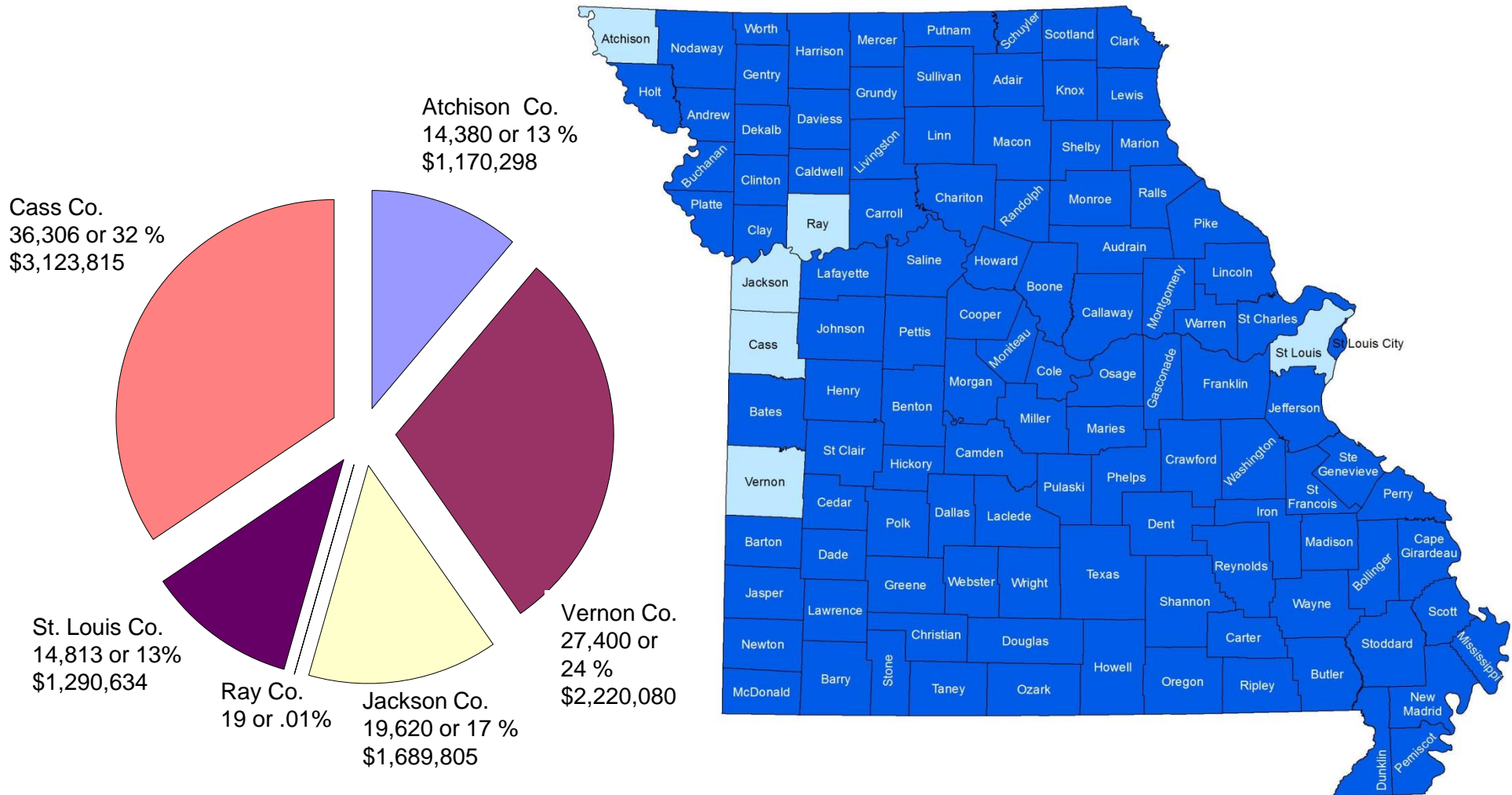
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2011 Crude Oil Production By Operator



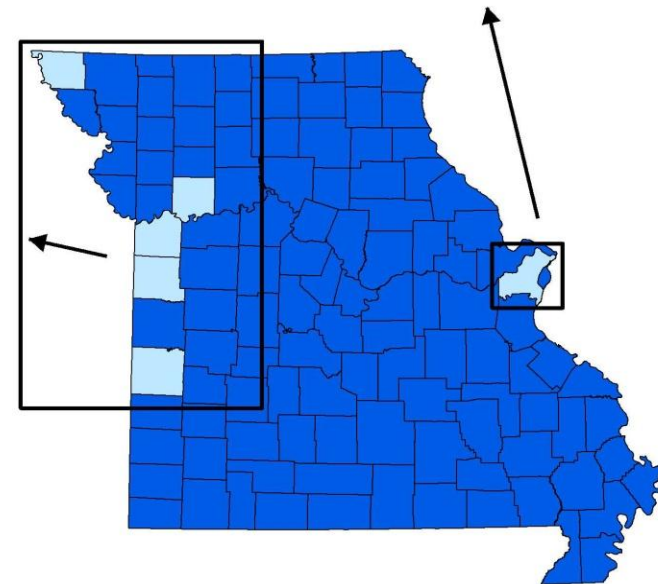
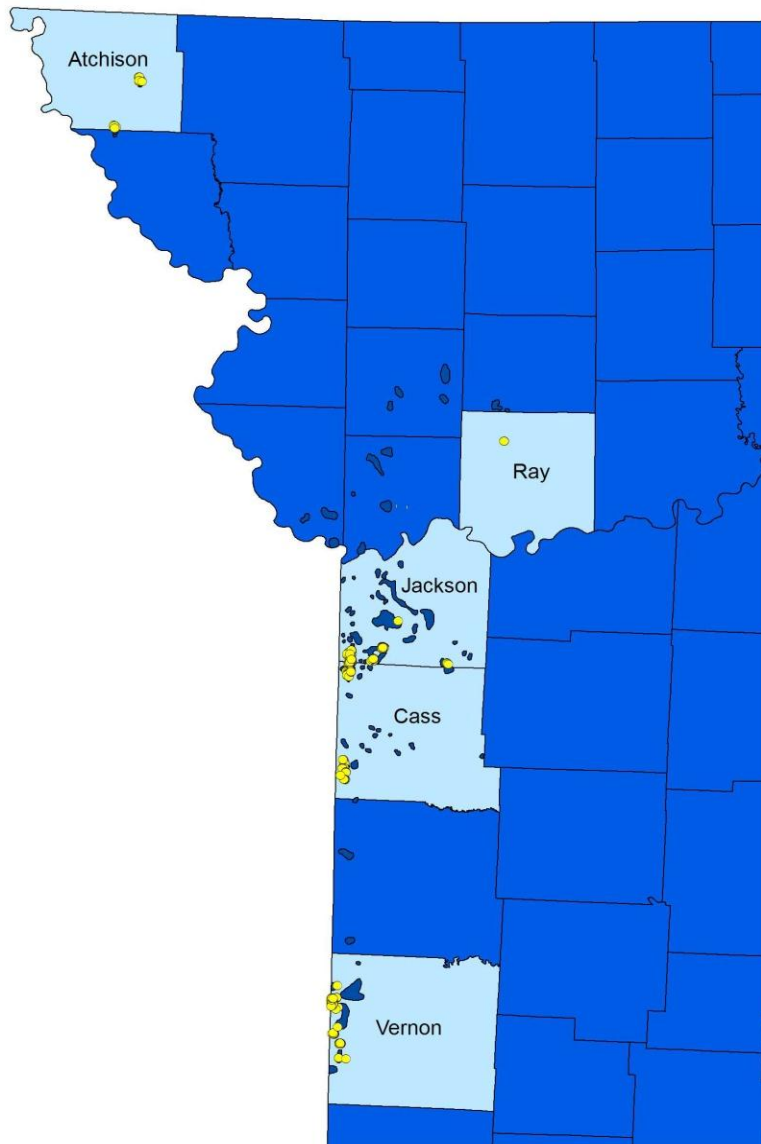
• D.E. Exploration, Inc.	-----26,157	(23.25%)
• Colt Energy, Inc.	-----15,608	(13.87%)
• Laclede Gas Company	-----14,813	(13.17%)
• Investment Equipment	-----14,348	(12.75%)
• Running Foxes Inc.	-----14,132	(12.56%)
• MegaWest Energy	-----13,268	(11.79%)
• Town Oil Company	-----6,266	(5.57%)
• AltaVista Energy	-----4,526	(4.02%)
• L. T. Oil	-----3,359	(2.99%)
• IGWT & Osborn Energy	-----28	(< 1%)
• Aztec Petroleum	-----0	(0.0%)
• Total Barrels	-----112,508	

Missouri's Oil Producing Counties in 2011



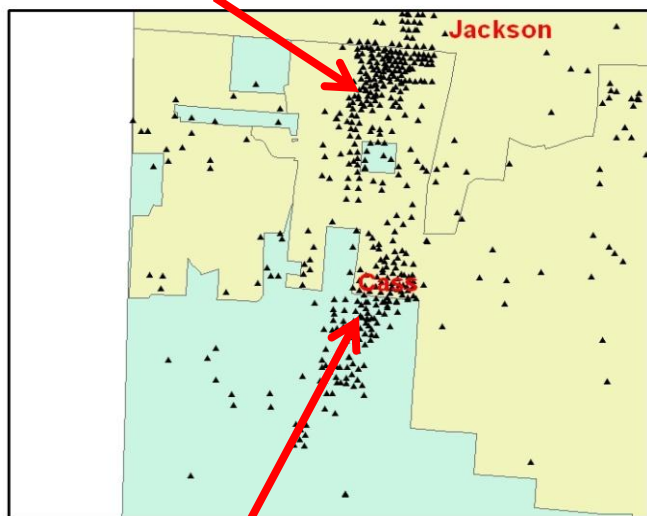
Total Value \$9,494,634

Oil Producing Counties, Wells and Known Fields



Cass Co. Missouri's Top Oil Producing County

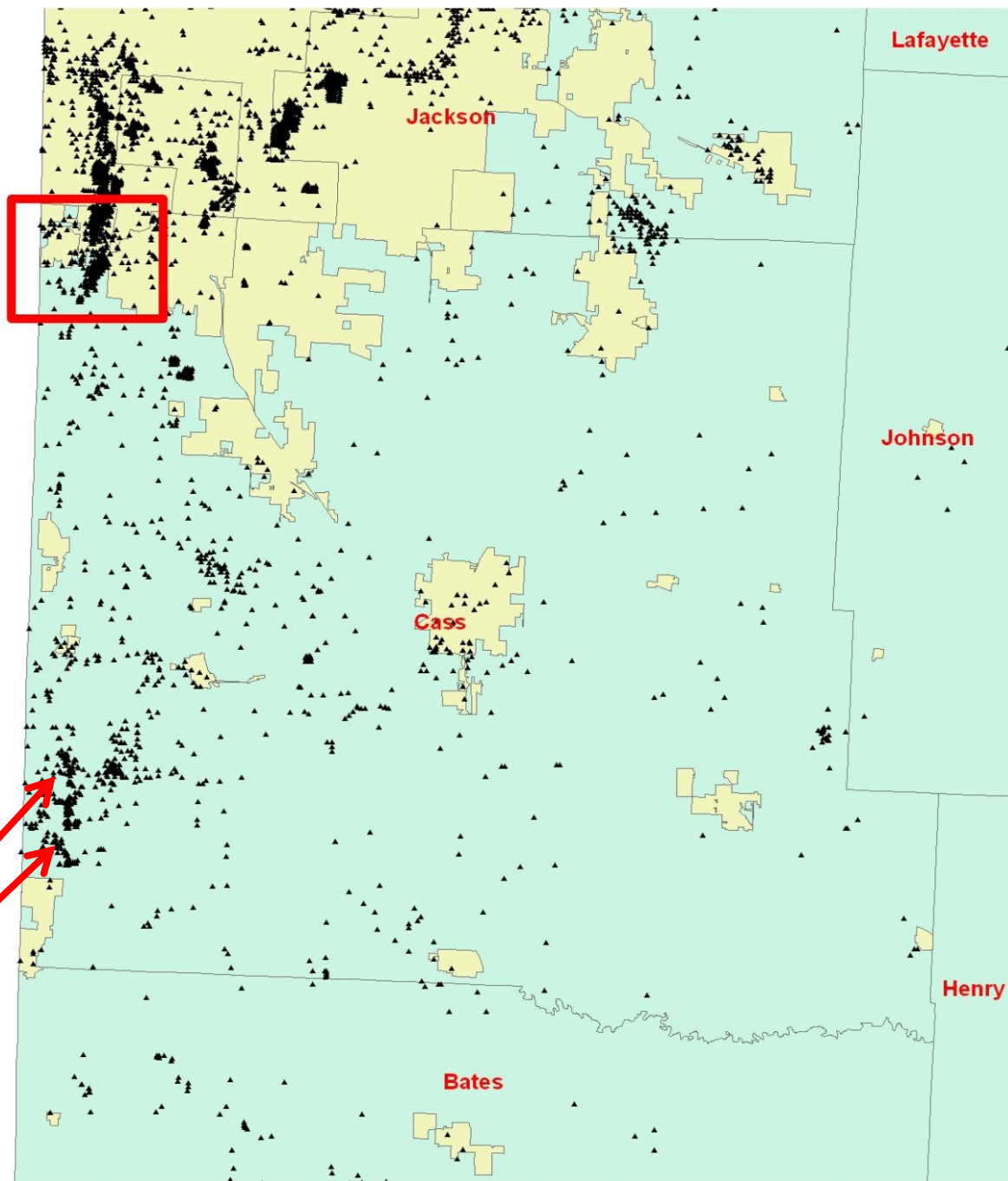
9,590 barrels



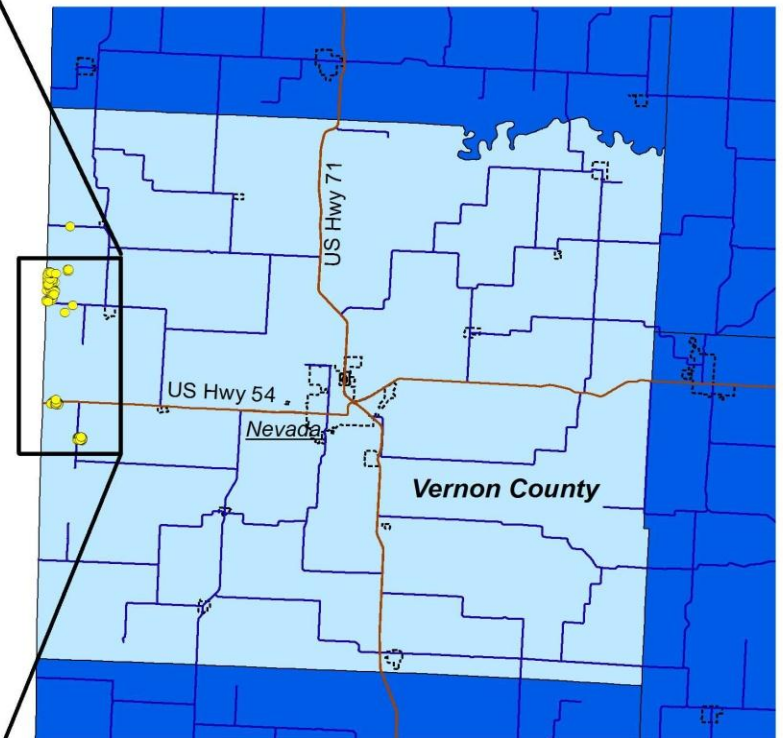
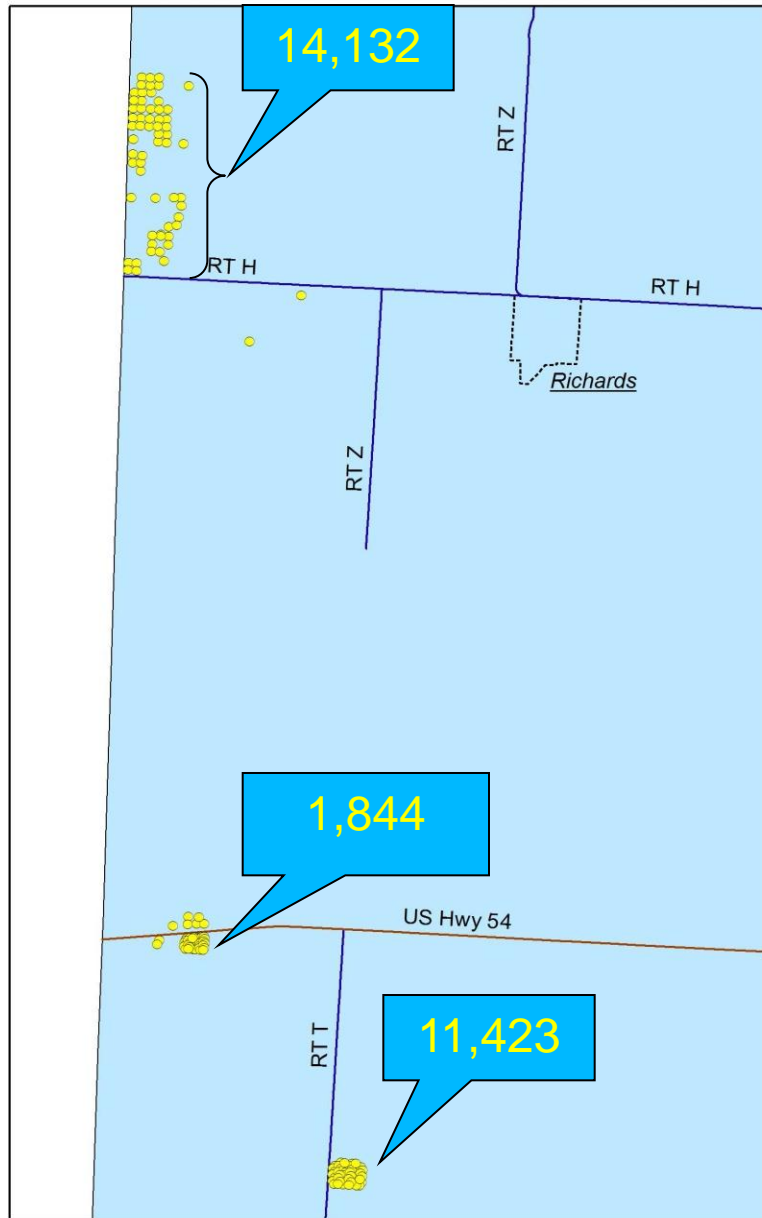
21,742 barrels

4,974 barrels

36,306 barrels
32% of the total oil
produced in Missouri



Active Oil Wells in Vernon County

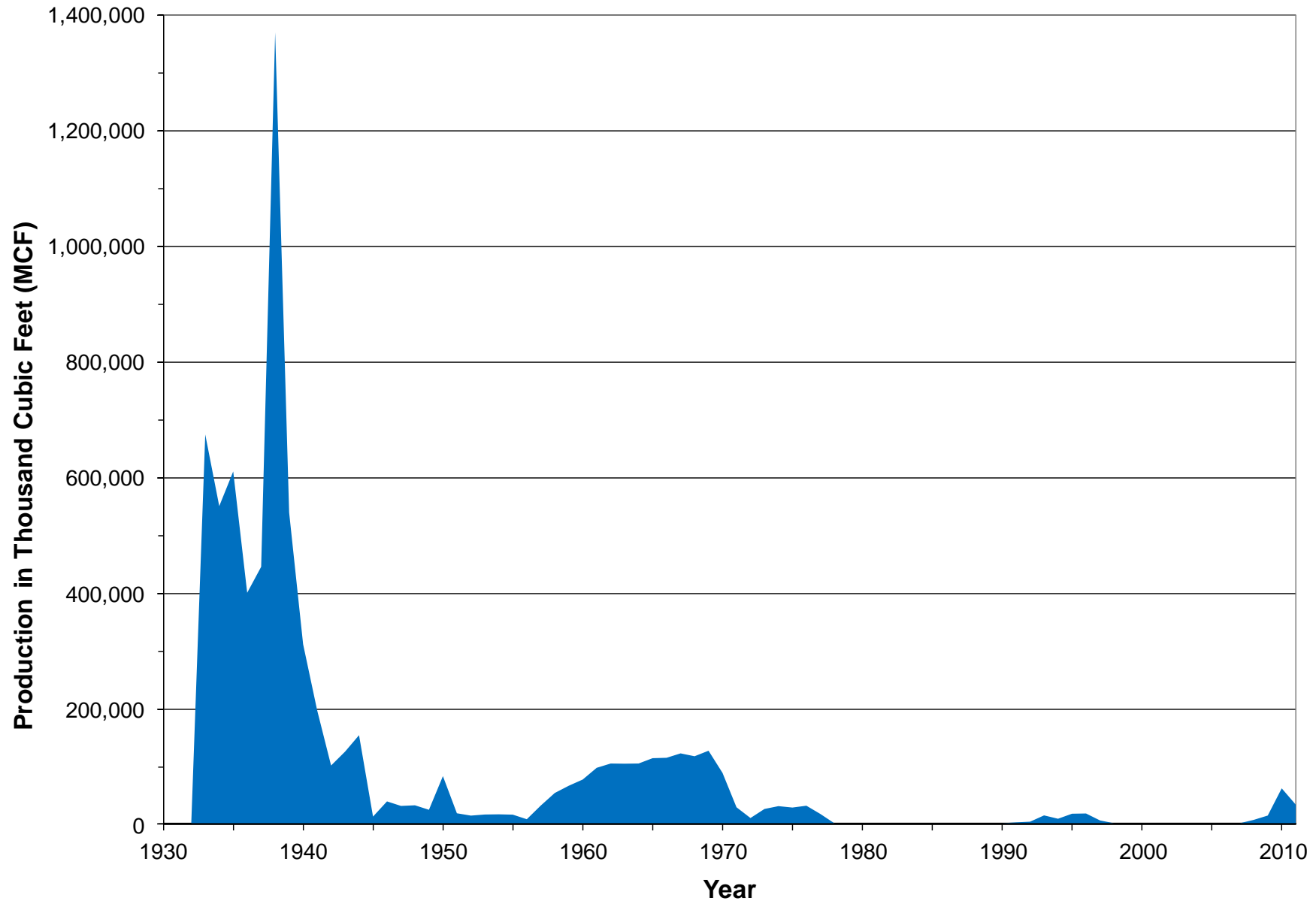


**27,400 bbls produced in Vernon Co.
24% of total Missouri Production**

Missouri's Commercial Gas Production in 2010

- 3 active producing commercial gas wells in 2011
- Over 32,342 MCF of gas produced
- Valued at over \$129,367
- Price per MCF averaged \$3.96
- Currently produced in Vernon County.
- One active company / one inactive
- One additional company has permits to construct in Clinton County

Historic Commercial Gas Production

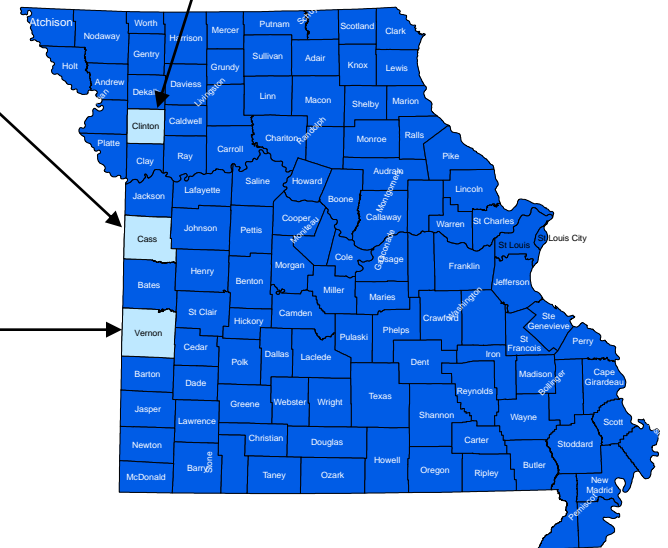
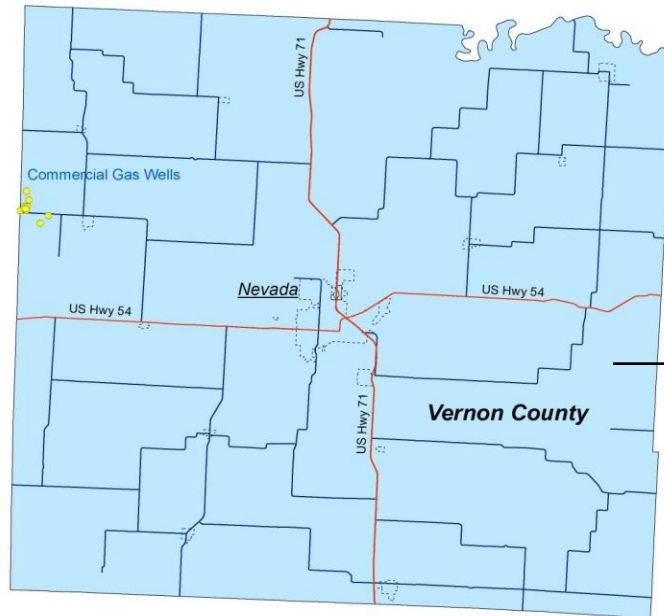
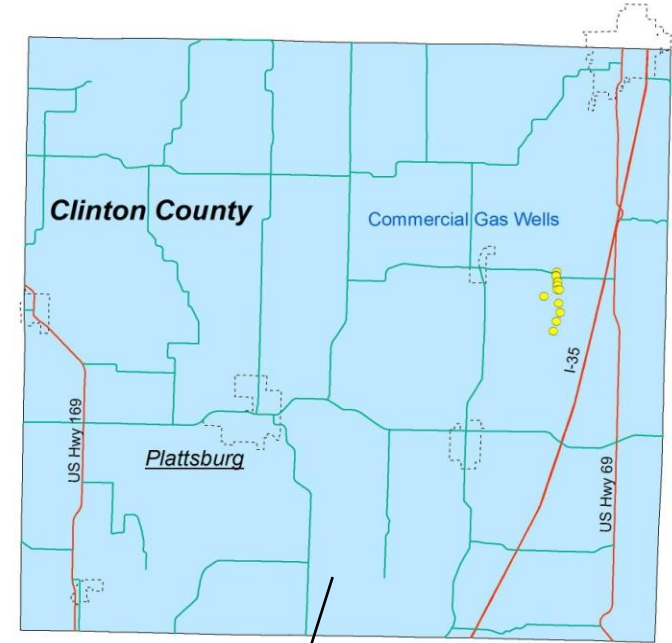
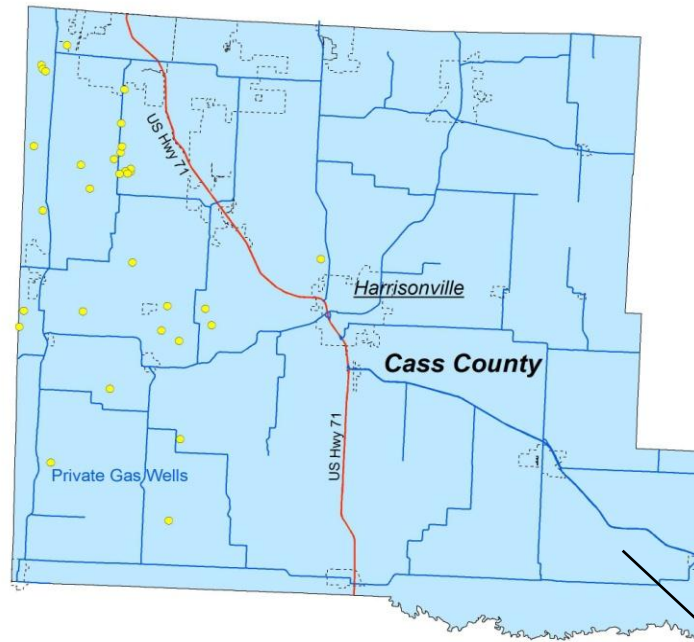


Missouri's Private Gas Wells

- 488 private gas wells
- 50 are active
 - 32 are in Cass County
- The status is unknown for ~400 wells
- Four counties have private gas wells
 - Cass, Clay, Clinton and Jackson
- Production reporting is exempted

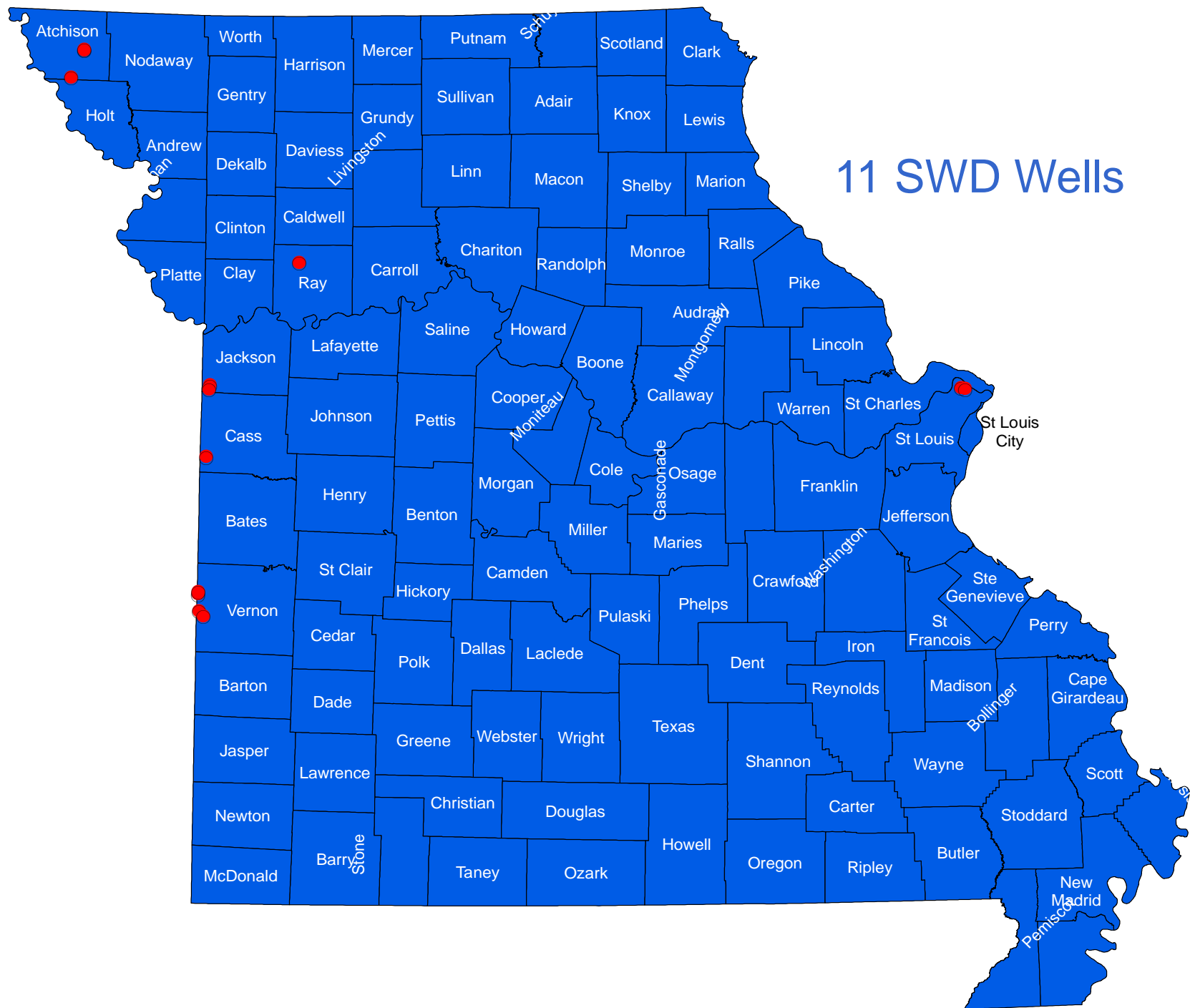


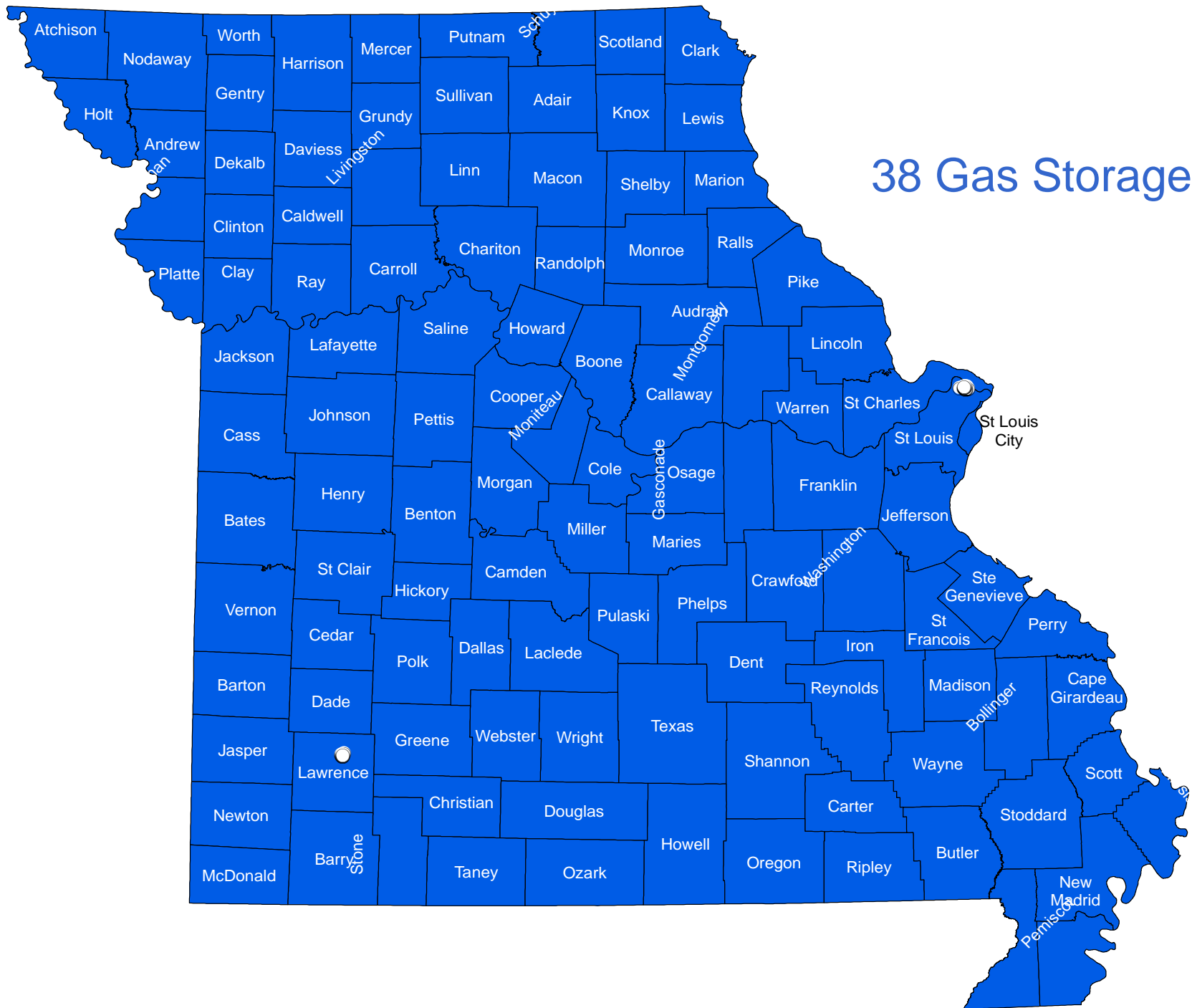
Missouri's Commercial and Private Gas Wells



Class II Injection Wells

- Wells that inject fluids in connection with oil/gas production
 - Disposal of produced salt water
 - Injection of gas as a liquid in a storage project
 - Injection of fluids for enhance recovery
- Missouri has 265 Class II wells
 - Saline Water Disposal-11
 - Gas Storage-38
 - Enhanced Oil Recovery-216

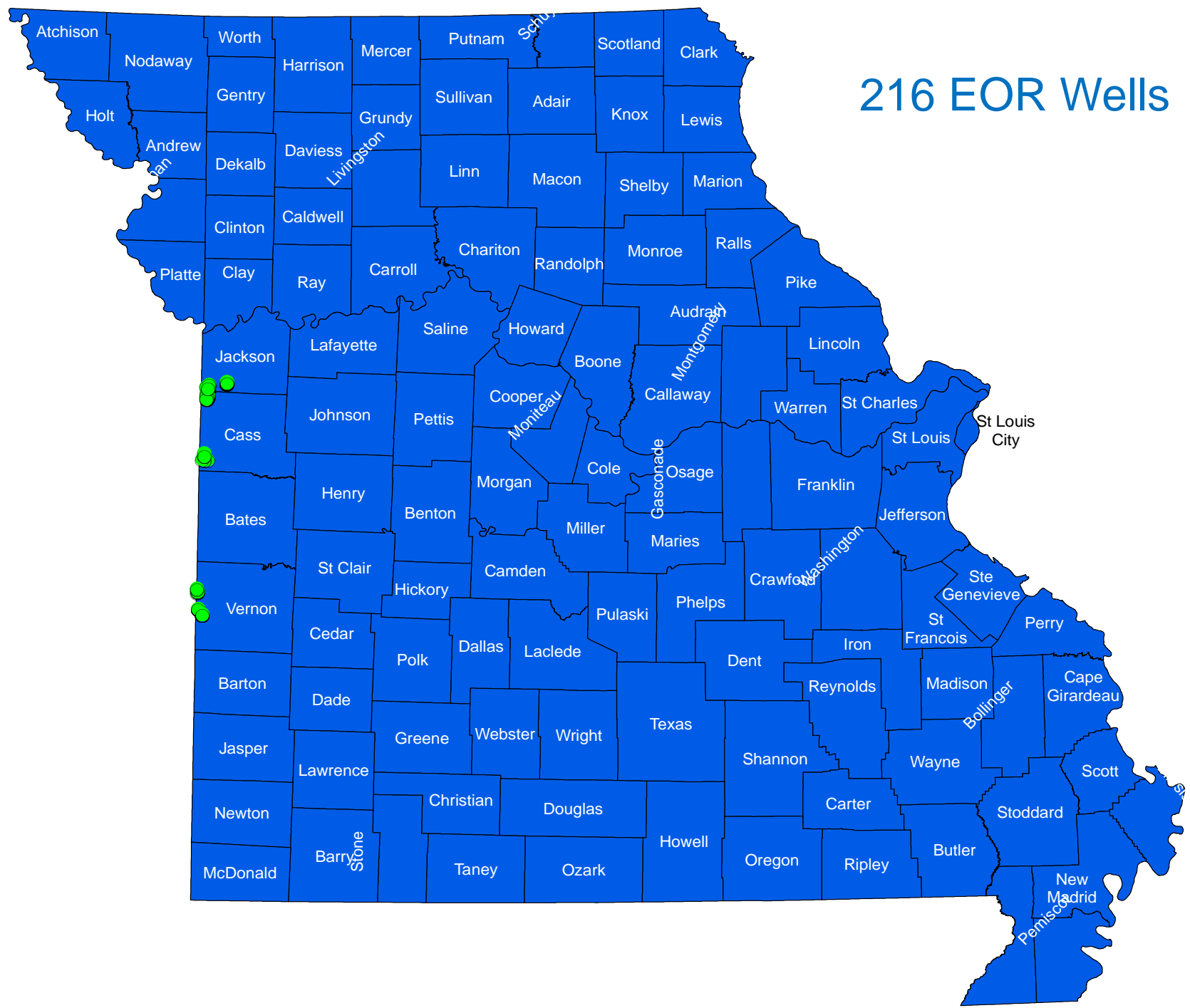




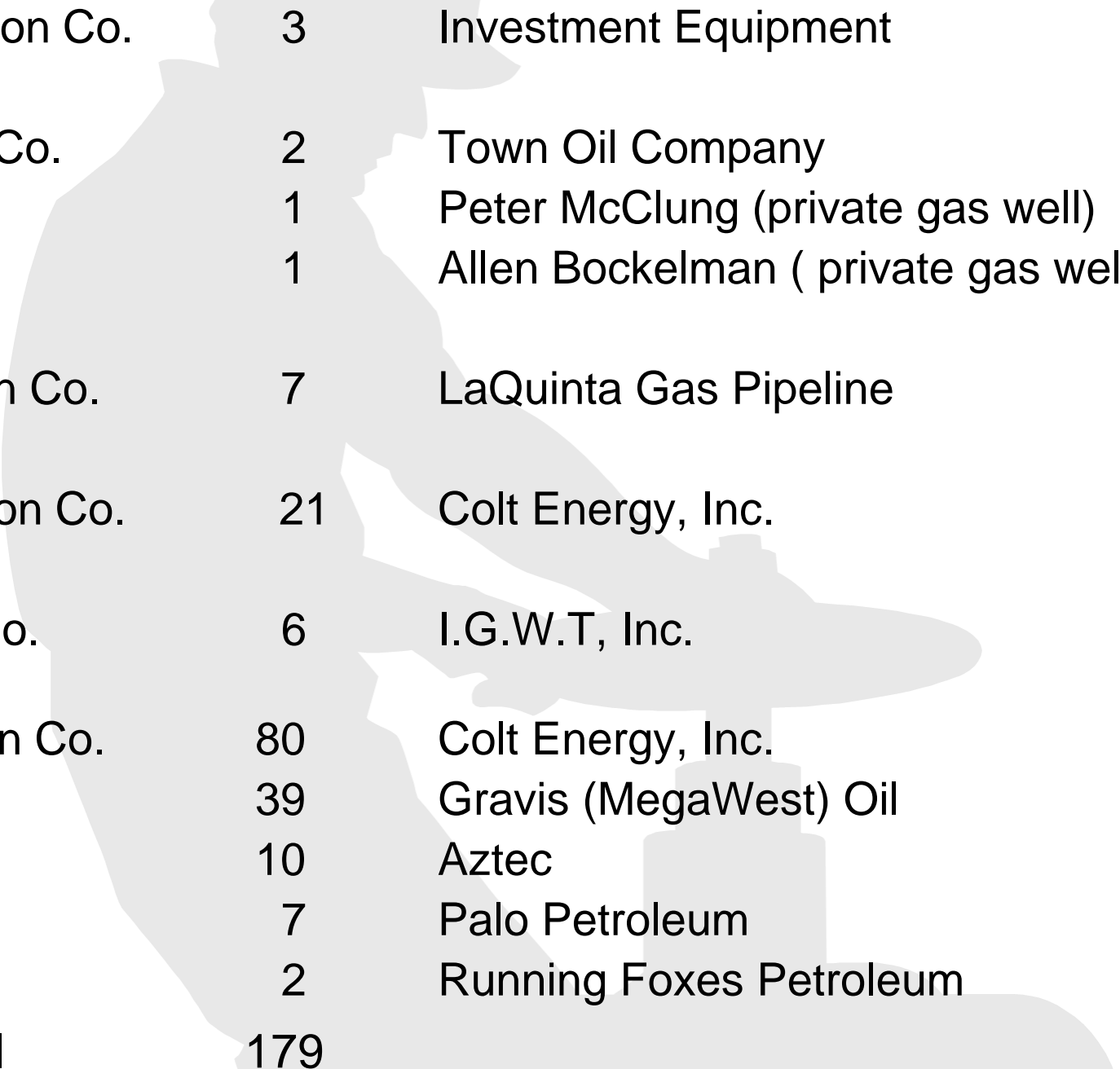
38 Gas Storage Wells

A map of Missouri showing its 115 counties. The counties are labeled with their names. The map is colored blue. There are 216 green dots representing EOR wells, clustered in the western part of the state, primarily in the counties of Jackson, Cass, Bates, Vernon, Barton, Jasper, Newton, and McDonald. The dots are concentrated in the westernmost part of the state, near the border with Kansas.

216 EOR Wells

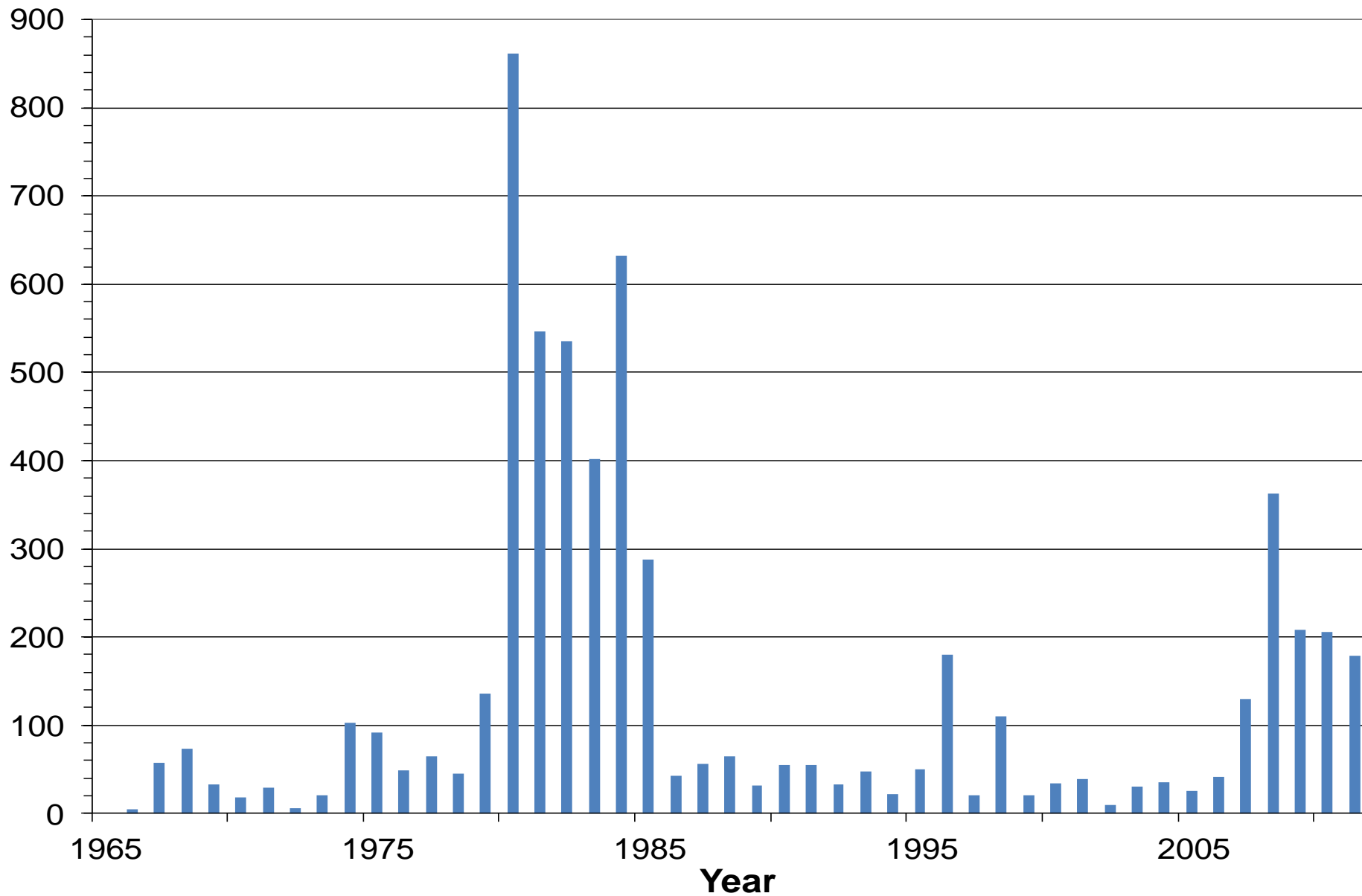


2011 Permits Issued by DGLS



• Atchison Co.	3	Investment Equipment
• Cass Co.	2	Town Oil Company
	1	Peter McClung (private gas well)
	1	Allen Bockelman (private gas well)
• Clinton Co.	7	LaQuinta Gas Pipeline
• Jackson Co.	21	Colt Energy, Inc.
• Ray Co.	6	I.G.W.T, Inc.
• Vernon Co.	80	Colt Energy, Inc.
	39	Gravis (MegaWest) Oil
	10	Aztec
	7	Palo Petroleum
	2	Running Foxes Petroleum
Total	179	

Permits Issued



2011 Permitted Well Types

- 55 Oil wells- 5 are active; 44 are under construction; 4 are plugged and 2 cancelled
- 3 Private gas wells- 1 plugged and 2 are under construction
- 65 Injection wells (EOR) 41 are under construction; 23 are active; 1 cancelled
- 36 Stratigraphic test wells- 8 are plugged; 13 are under construction and 15 cancelled
- 2 Injection wells (SWD)- both are under construction
- 12 Commercial Gas Wells- 9 are under construction; 3 cancelled

Missouri Wells Plugged

(oil/gas/injection/stratigraphic test)

• Bates Co.	3	Colt Energy Inc.
	3	Osborn Energy, LLC
• Jackson Co.	6	Colt Energy, Inc.
• Vernon Co.	36	Colt Energy Inc.
	3	Town Oil Co.
	2	Running Foxes Petroleum
2010 Total	53	
Cass Co.	1	Allen Bockelman
Johnson Co.	1	Energy Ventures, LLC.
Vernon Co.	32	Colt Energy, Inc.
<u>2011 Total</u>	<u>34</u>	

Mechanical Integrity Tests & Lease Visits

- MIT were performed on 70 injection wells in 2011. DGLS staff witnessed 49 or 70% of all MIT conducted.
- 9 MIT have been performed and all have been witnessed by department staff in 2012. Goal for 2012 is to witness at least 80%.
- 12 leases have been visited in 2011.
- The unit responded to over 1,300 oil/gas inquiries during 2011.

Oil and Gas Remedial Fund Balance on 04/10/11

\$20,166.26

Total Bonding Held as of
04/10/11

\$1,366,344

marcellus-shale.us







CONSOLIDATED OIL WELL SER.







Thank You!

Questions?

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